

Form PTO-1449 (Substituted)
(REV. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

ATTY DOCKET NO.
41426-A-PCT-US/JFW/MS

APPLICATION NO.
08/403,803

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

68231

APPLICANT
Ron S. Israeli, et al.

FILING DATE:
March 17, 1995

GROUP
1817

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
1	4 5 5 4 1 0 1	11-19-85	Hopp, T.P. (Exhibit 1)			
M	5 1 6 2 5 0 4	11-10-92	Horoszewicz, J.S. (Exhibit 2)			
N	5 5 3 8 8 6 6	7-23-96	Israeli, R.S., et al. (Exhibit 3)			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation
						Yes No
A	WO 9 4 0 9 8 2 0	5-11-94	PCT (Exhibit 4)			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A	A	Abdel-Nabi, H., et al. (1992) "Monoclonal Antibodies and Radioimmunoconjugates in the Diagnosis and Treatment of Prostate Cancer", Seminars on Urology 127: 45-54 (Exhibit 5);
A	B	Axelrod, H. R., et al. (1968) "Preclinical Results and Humman Immunohistochemical Studies With 90Y-CYT-356: A New Prostate Cancer Therapeutic Agent" AUA 87th Annual Meeting, May 10-14, 1992 (Exhibit 6);
A	C	Carter, B.H. And Coffey, D.S. (1990) "The Prostate: An Increasing Medical Problem" The Prostate 16:39-48 (Exhibit 7);
A	D	Feng, Q., et al. (1991) "Purification and Biochemical Characterization of the 7E11-C5 Prostate Carcinoma-Associated Antigen", Proceedings of the American Association for Cancer Research 32:239 (Exhibit 8);
A	E	Chang, Chawnshang, et al. (1988) "Structural Analysis of Complementary DNA and Amino Acid Sequences of Human and Rat Androgen Receptors", Proc. Natl Acad. Sci USA 85:7211-7215 (Exhibit 9);
A	G	Culver, K.W., et al. (1992) "In Vivo Gene Transfer with Retroviral Vector-Producer Cells for Treatment of Experimental Brain Tumors", Science 256:1150-1552 (Exhibit 10);
A	H	Decensi, A., et al. (1991) "Phase II Study of the Pure Non-steroidal Antiandrogen Nilutamide in Prostatic Cancer", Eur J Cancer 27:1100-1104 (Exhibit 11);
A	I	Faber, P.W., et al. (1991) "Characterization of the Human Androgen Transcription Unit" The Journal of Biological Chemistry 266:10743-10749 (Exhibit 12);
A	J	Fey, Martin F., et al. (1991) "The Polymerase Chain Reaction: A New Tool for the Detection of Minimal Residual Disease in Haematological Malignancies" Eur J Cancer 27:89-94 (Exhibit 13);
A	K	Henttu, Pirkko and Vihko, Pirkko (1989) "cDNA Coding for the Entire Human Prostate Specific Antigen Shows High Homologies to the Human Tissue Kallikrein Genes" Biochemical and Biophysical Research Communications 160:903-910 (Exhibit 14);

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A	Horoszewicz, Julius S., et al. (1987) "Monoclonal Antibodies to a New Antigen Marker in Epithelial Prostatic Cells and Serum of Prostatic Cancer Patients" AntiCancer Research 7:927-936 (Exhibit 15);
B	Huber, Brian E., et al (1991) "Retroviral-mediated Gene Therapy for the Treatment of Hepatocellular Carcinoma: An Innovative Approach for Cancer Therapy" Proc. Natl. Acad. Sci. USA 88:8039-8043 (Exhibit 16);
C	Israeli, Ron S., et al. (1994) "Expression of the Prostate Specific Membrane Antigen" Cancer Research 54:1807-1811 (Exhibit 17);
D	Israeli, Ron S., et al. (1994) "Sensitive Nested Reverse Transcription Polymerase Chain Reaction Detection of Circulating Prostatic Tumor Cells: Comparison of Prostate-specific Membrane Antigen and Prostate-specific Antigen-based Assays" Cancer Research 5:6306-6310 (Exhibit 18);
E	Keer, Harold N., et al. (1990) "Elevated Transferrin Receptor Content in Human Prostate Cancer Cell Lines Assessed In Vitro and In Vivo" The Journal of Urology 143:381-385 (Exhibit 19);
F	Lopes, A. Dwight., et al (1993) "Immunohistochemical and Pharmacokinetic Characterization of the Site-specific Immunocjugate CYT-356 Derived from Antiprostata Monoclonal Antibody" Cancer Research 50: 6423-6429 (Exhibit 20);
G	Lubahn, Dennis B., et al. (1989) "Sequence of the Intron/exon junctions of the Coding Region of the Human Androgen Receptor Gene and Identification of a Point Mutation in a family with Complete Androgen Insensitivity" Proc. Natl. Acad. Sci. USA 86:9534-9538 (Exhibit 21);
H	Lundwall, Ake and Lilja, Hans., (1987) "Molecular Cloning of Human Prostate Specific Antigen cDNA" FEBS Letters 214, No. 2:317-322 (Exhibit 22);
I	Mukhopadhyay, Tapas., et al. (1991) "Sepecific Inhibitionof K-ras Expression and Tumorigenicity of Lung Cancer Cells by Antisense RNA" Cancer Research 51:1744-1748 (Exhibit 23);
J	Riegman, P.H.J., et al. (1989) "The Prostate-Specific Antigen Gene and the Human Glandular Kallikrein-1 Gene are Tandemly Located on Chromosone 19" FEBS Letters Vol 247:123-126 (Exhibit 24);
K	Sharief, Farida S., et al. "Human Prostatic Acid Phosphatase: cDNA Cloning, Gene Mapping and Protein Sequence Homology With Lysosomal Acid Phoshatase" Biochemical and Biophysical Research Communications 160:79-86 (Exhibit 25);
L	Solin, Timo., (1990) "Gene Expression and Prostate Specificity of Human Prostatic Acid Phosphatase (PAP): Evaluation By RNA Blot Analuses" Biochemica et Biophysica Acta 1048:72-77 (Exhibit 26);

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R. G. J.

5/14/91

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						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	A	Troyer, John K., et al. (1994) "Biochemical Characterization and Mapping of the 7E11-C5.3 Epitope of the Prostate Specific Membrane Antigen (PSMA)" Basic and Clinical Aspects of Prostate Cancer: Abstract C38 (Exhibit 27);
1	B	Su, S.L., et al. (1994) "Sensitive Detection of Prostatic Hematogenous Micrometastases Using Prostate Specific Antigen (PSA) and Prostate Specific Membrane Antigen (PSM) Derived primers in the Polymerase Chain Reaction" Proceedings of the American Association for Cancer Research 35:271 (Exhibit 28);
1	C	Vihko, Pirkko, et al (1988) "Molecular Cloning and Sequence Analysis of cDNA Encoding Human Prostatic Acid Phosphatase" FEBS Letters 236:275-281 (Exhibit 29);
1	D	Vile, Richard G. And Ian R. Hart., (1993) "In Vitro and In Vivo Targeting of Gene Expression to Melanoma Cells" Cancer Research 53:962-967 (Exhibit 30);
1	E	Israeli, Ron S., et al. (1994) "Expression of the Prostate Specific Membrane Antigen" Cancer Research 54:1807-1811 (Exhibit 31);
1	F	Waibel, R., et al. (1990) "Therapy of Small Cell Lung Cancer Xenografts in a Nude Mouse model: Evaluation of Radioimmunotherapy and Immunotoxin Therapy" Antibody Immunoconjugates and Radiopharmaceuticals 3:54 (Exhibit 32);
1	G	Watt, Kenneth W.K., et al (1986) "Human Prostate-Specific Antigen: Structural and Functional Similarity With Serine Proteases" Proc. Natl. Acad. Sci. USA 83:3166-3170 (Exhibit 33);
1	H	Wright, Jr., et al "Characterization of a New Prostate Carcinoma-Associated Marker" Antibody Immunoconjugates, and Radiopharmaceuticals 3:89 (Exhibit 34);
1	I	Young, Richard A. and Davis, Ronald W., "Efficient Isolation of Genes by Using Antibody Probes" Proc. Natl. Acad. Sci. USA 80:1194-1198 (Exhibit 35);
1	J	Israeli, R.S. et al., (1994) "Sensitive Detection of Prostatic Hematogenous Micro-Metastases Using Prostate Specific Antigen (PSA) And Prostate specific Membrane Antigen (PSM) Derived Primers in the Polymerase Chain Reaction (PCR)" J Urol 151:373A (Exhibit 36);
1	K	Israeli, R.S. et al., (1994) "Localization of the Prostate Specific Membrane Antigen (PSM) to the Putative Metastasis-Suppressor Region on Human Chromosome 11" J Urol 151:252A (Exhibit 37);

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A. G. J.

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5/16/88

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A	Corr, J.G. et al., (1994) "Prostate Specific Membrane Antigen (PSM) Expression in Orthotopically Implanted Human Prostate Cancer Cells in Nude Mice Slows Tumor Growth and Metastatic Potential" J Urol 151:492A (Exhibit 38);
B	Israeli, R.S. et al., (1994) "Localization of the Prostate Specific Membrane Antigen (PSM) to the Putative Metastasis-Suppressor Region on Human Chromosome 11" Proceedings of the American Association for Cancer Research 35:271 (Exhibit 39);
C	Israeli, R.S. et al., (1993) "Characterization of the Prostate-Specific Membrane Antigen (PSM)" Cancer Research 34:255 (Exhibit 40);
D	Israeli, R.S. et al., (1993) "Molecular Cloning and Characterization of a Prostate-Specific Membrane Antigen" J Urol 149:471A (Exhibit 41);
E	Israeli, R.S. et al., (1992) "Purification and Molecular Cloning of a New Prostate-Specific Antigen" Cancer Research 33:356 (Exhibit 42).

EXAMINER <i>A-Lg/b</i>	DATE CONSIDERED 5/6/98
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